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T S5/3, KWIC/1-14

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5/3, KWIC/1 (Item 1 from file: 95)

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A 01924305 20041201499

Formulating fluids with improved friction durability for we (Schmierstoffe mit erhoehter Reibungsfestigkeit fuer Anfahr-Watts, Raymond; Castle, Rebecca; Gorda, Keith; Nibert, Roger Infineum, Linden, US

Getriebe in Fahrzeugen 2004, VDI-Ges. Entwicklung Konstrukti Friedrichshafen, DE, 22.-23. Jun, 2004VDI-Berichte, v1827, n

Document type: Book chapter; 06 Conference paper Language:

Record type: Abstract ISBN: 3-18-091827-6

ISSN: 0083-5560

2004

ABSTRACT:

... speeds. In response to the need for a test to assess fric requirements of torque converters with regulated clutches authors have developed a test method using a modified SAE2 m cycle was developed in which the clutch is slipped under conditions for 50 minutes. A program was begun to develop a ...DESCRIPTORS: DURABLENEGS; MECHANICAL TORQUE CONVENTERS; ; GEAR LUBOIL; ESTATE CARS; FRICTION CLUTCHES; FRICTION; FRI : LUBRICANTS



(Item 2 from file: 95) 5/3.KWIC/2 DIALOG(R) File 95:TEME-Technology & Management

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01859710 20040401841

militief ATF friction properties on shudder in shipping t clutches

(Einfluss der Reibungseigenschaften des Fluids von Automatik das Zillero in Schlupf-Drehmomentwandlerkupplungen)

Cameron, T; Tersigni, S; McCombs, T; Jao, TC

Virginia Commonwealth Univ., Richmond, USA; Ethyl Petroleum

http://www.dialogelassic.com/main.vmgw

10/22/2006

Richmond, USA

Tribology and Lubrication Engineering, 14. Internat. Colloqu

Vol. 1, Ostfildern, DE, Jan 13-15, 20042004

Document type: Conference paper Language: English

Record type: Abstract ISBN: 3-924813-54-X

Effects of ATF friction properties on shugger in supping converter clatcher

2004

ABSTRACT:

Slip-controlled torque converter clutches (TCC) were int automatic transmissions in the 1980's to improve fuel econom

5/3, KWIC/3 (Item 3 from file: 95)

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01859709 20040401842

Impact of lubricant numbers of the properties clutch plates clutch plates

(Einfluss der Schmierstofformulierung auf die Reibungseigens Carbonfaser-Kupplungsdrunkgalation)

Castle, RC; Watts, RF

Infineum USA, Linden, USA

Tribology and Lubrication Engineering, 14. Internat. Collogu Vol. 1, Ostfildern, DE, Jan 13-15, 20042004

Dominion Lype: Conference paper Language: English

Record type: Abstract

ISBN: 3-924813 54 X

2004

ABSTRACT:

...friction materials have been employed by transmission bui variety of applications, including torque converter clutc synchronizers, limited slip devices and shifting clutches. generation of material- gives improved decability relative t

5/3, XWIC/4

(Item 4 from file: 95)

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01841495 20040300975

Stress analysis of a new disk-type warishle torque slipping skewed rollers

(Analyse der mechanischen Spannung einer neuen, scheibenfoer Rutschkupplung mit verzenderlichem Drehmement und schraeg an Rollen)

Feng, M; Ono, K; Mimura, K

Tokyo Inst. of Technol., J; MIM Engng. Comp., Yokohama, J JSME International Journal, Series C (Mechanical Systems, Ma and Manufacturina) was not option9-1522, 2003

Document type: journal article Language: English

Record type: Abstract

ISSN: 1344-7653

ABSTRACT:

...in order to show the feasibility of this design idea and theoretical torque capacity.



5/3,KWIC/5 (Item 5 from file: 95)

DTALOG(R) File 95: TEMM Technology 1 Hamagement (c) 2006 FTZ TECHNIK. All rts. reserv.

01813111 20031106357

Mixed EHL ansigning in the control of the probability of the worlders

(Analyse der Misch-EHD-Schmierung von Schlupfkupplungen mit Drehmoment und mit schraegen Beilier?

Feng, M; Ono, K; Mimura, K

Transactions of the ASME, Journal of Tribology, v125, n4, pp Document type: journal article Language: English

Town or Timetract

ISSN: 0742-4787

Mined EHL analysis of the variable torque slipping clumblings
2003

ABSTRACT:

In this paper, a mixed elastohydrodynamic lubrication (EHL) presented for the variable torque slipping clutch with rollers. It is characterized by a finite spatial curve conta dimensional...

...the GT contact pressure-compliance relationship under the condition of the elements of the slipping clutch. The hy mutual influences...

...of pressures are shown. In addition, the influences of the pressure are shown in addition, the influences of the pressure are investigated both theore experimentally. Concurring agreements are found between the experimental...

5/3, KWIC/6 (Item 6 from file: 95)

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01806256 20031101552

Controlling 1.7.

Space Center by means of a magnetic-clutch torque sensor
(Magnetische Kupplung mit Drohmomontsonsor zur Rogelung der .
Solarzelten im resettedem Zeit den internationalen Edministration der .
Belenkii, AD

Russian Sci.-Ros. Inst. of Electrical Mach., RU Russian Electrical Engineering, v73, n5, pp9-14, 2002 Document type: journal article Language: English Powerd type: Abstract

ISSN: 1068-3712

2002

ABSTRACT:

the International Space Station (ISS) is investigated. A control based on the torque sensor of the limiting magnetic drive is proposed. The sensor must measure the magnetic-clu over the whole common of torribual amples from 0 degree to 36 Optimizing the...

...within the kinematic chain of the gear system, which crea mp.//www.unanogolassic.com/main.vmgw 10/22/2006

working conditions for the torque sensor. Operation condition with the requirements of the distilling and and less than 15 years), entails the use of the Hall Effect in t sensor. The sensor consists of two identical modules, each w stator. The...

5/3, www./7 (Fiem 7 From file: 95)

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01644973 20020509457

passenger vehicles using advanced formue estimation almoritienn Uln-Un; Lee Kyo-II

Vehicle System Dynamics, v37, n3, pp175-192, 2002 Document type: journal article Language: English

Record type: Abstract

ISSN: 0042-3114

Nonlinear robust control of torque converter clutch sl

ABSTRACT:

In this paper, a torque-estimation-based robust controller for torque converter clutch slip system is presented. robust controller uses only the measurements available from the converted to the convention of th

DESCRIPTORS: CLUTCH; TORQUE CONVERTERS; ROBUST CONTROL;

COMPUTERIZED SIMULATION; PASSENGER CARS

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p/3.RWIC/8 (Item 8 from file: 95)
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protection place of meme machinelogy a Management

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01575208 20020107020

schulze, V; Loche, D; Gerber, A

Chinese-Cerman IIItralight Symposium, Reijing, China, 19 - 20

DVS-Berichte, v218, n11, pp89-99, 2001

Document type: journal articles of our files

Record type: Abstract

ISBN: 3-87155-676-9

TSSN: 0418-9639

Autometed welding of extraded profiles and sheets of alumn lico

2001

ABSTRACT:

Die verliegende Arbeit konzentriert sich auf den Einflus Herstellungssequenz und Parameter der automatisierten Schweden Ermuedungswiderstand und dem Zerstoerungsverhälten von terbeitsaverbindungen von...

... Herstellung der Probeexemplare wurde die Strangpressprote Atyminiumtegierung AtMgSiSphanne in der Winderschied Aussenabmessungen h-100 mm und w-50 mm aber mit unterschied Eckragien waren verruegpar. vor...

5/3.KWIC/9 (Item 9 from file: 95)

DIALOG(B) File OS-TEME Technology & Monagement (c) 2006 FIZ TECHNIK. All its. reserv.

01535380 20010706382

Development of high durability friction materials

Inagami, K; Kamada, Y; Shibuya, T

Dynax, Hokkaido, J

Tribology of Vehicle Transmissions, the 2001 Internat Symp

Toyota, J, Feb 7-9, 20012001

Document type: Conterence paper Language: English

Record type: Abstract

2001

ABSTRACT:

...Slip Differential) of agricultural machines. These new ty materials are adequate for continuous slipping torque co clutches, clutches and brakes for off-highway vehicles whe durability under blob pressure applications

promotion (them 10 from file: 95)

20 70 . handamy a Hanagamant

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00985950 M96056427562

Lorque converter clutch

(Die Anwendung der H (exp unendlich) Regelungsauslegung an e

Osawa, M; Hibino, R; Yamada, M; Kono, K; Kobiki, Y

release bronel o

Advances in Automotive Control. IFAC Workshop, Ascona. CH. M. 1995

Document Type: Conference paper Language: English

Record type: Abstract ISBN: 0-08-042589-5

Application of H (exp infinity) control design to slip cont

1995

ABSTRACT:

This paper describes the development of a rebust feedback on the torque converter clutch slip control system mounte Abile automatic transaxie. H (exp infinity) control theory w

5/3.KWIC/11 (Item 11 from file: 95)

DIMINOC(B) File OS-TEME Teelonding, 5000

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A

00856627 M94121001667

The state of the s

(Market review. Starting couplings)

unonym

Antrichstechnik, v33, nMarktuchersicht 1995, pp168-169, 1994

Document Lype: journal article Language: German

Decement by the Atmit when

ISSN: 0722-8546

1994

DESCRIPTORS: STARTING CLUTCHES; CENTRIFUCAL CLUTCHES; OVER

CLUTCHES ; TORQUE ; SLIP --

5/3.KW10/12 (Ttem 12 from file: 95)

The management of the forest the second and the sec

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00784483 M94064136568

- ' ' ' - tarial for continuous slip torque converter oppl

anti-shudder considerations

(Reibbelag fuer kontinuierlich wirkende Schlupfdrehmomentenw

Lam, RC; Yih-Fand Chen

DOLY WOLLEL ADDITIONS LEVE

SAE Papers. v1. n1. pp1-11. (1994)

Document type: Conference paper Language: English

Percent Lynn Aber most

ISSN: 0148-7191

1994

ABSTRACT:

The basic friction material design considerations for contin torque converter clutches are discussed. A bench test met developed to predict the performance of continuous slip c different temperatures, pressures, and velocities. A lest ma analyze a full-sized friction plate was also designed. Two t shudder. These shudder phenomena were investigated. The res tnat...

5/3, KWIC/13 (Item 13 from file: 95) A DIMINO(D) File OS-TENE TAMES (D) * ** (c) 2006 FIZ TECHNIK, All rts. reserv. 0074**%**061 M93121020667 The state of the s Stellkupplungen) unonym

Antrichstechnik, v32, nHandbuch 1994, pp162-163, 1993

Document type: journal article Language: German

The state of the s

ISSN: 0722-8546

1993

DESCRIPTORS: STARTING CHUTCHES; CENTRIFICAL CHUTCHES; OVER CLUTCHES; TORQUE; SLIP --

5/3, KWTC/14 (Item 14 from file: 95) Title (1) (1) (1) 25. Timm Technology & Management (c) ŽŪŪĎ FIZ IMCHNIK. AĪĪ ICS. IESELV.

00547738 M92023672562

beautic transmission shift quality by fordback turbine speed sensor

Werbesserie automatische Getriebeschaftung ueber kueckkoppi wir winum Tarkingannenhaindlaknilgengor)

Narita, Y

Document type: Conference paper Language: English

Record type: Abstract

ISSN: 0148-7191

1991

ABSTRACT:

Shift quality in automatic transmission is greatly affected deterioration and variation of engine torque, hydraulic prvalves, friction elements and other factors. This paper prescentral

- ...inertia phase usually becomes shorter as the engaging clu to the third that the continue of the continue of the continue of the third phase, resulting in a lage torque disturbance. This avoided by measuring the interval from the initiation of the
- ...completion of the inertia phase, this making it possible between small and large tarque capacity conditions. The resulting rom abrupt throttle closing, can cause shock and c
- ...turbine and output shaft. Power-.on downshires when going a critical conditions for attaint with Point Point of the from damage in this system by controlling the timing and cap become truches vehicle general truches unitable protection; control on number encines. Anchiar speed, thousand compared companies. The MEASURING FEELERS; FRICTION CLUTCHES

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